

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A circuit for a display device for displaying images by the use of light emission of phosphors, comprising:

an input terminal ~~with inputs~~ which receives an image signal;

a detector which detects whether or not a static image is contained in a specific regions ~~region~~ of an image in the received image signal ~~inputted by said input terminal~~; and

an image processor which changes a luminance level of the image in said specific region when the static image is detected by said detector, wherein luminance level of a part of said specific region which will appear close to the edge of a display screen is changed more than a change in luminance level of a part of said specific region which will appear close to the center of the display screen.

2. (Currently Amended) The ~~display device~~ circuit according to claim 1, wherein said detector detects a luminance level of the ~~inputted~~ received image signal, and detects the static image with a luminance level higher than a predetermined first luminance level or lower than a predetermined second luminance level.

3. (Currently Amended) The ~~display device~~ circuit according to claim 2, wherein said detector detects a luminance level of the ~~inputted~~ received image signal, and when the luminance level of the detected static image in said specific region is higher than said first luminance level, said image processor lowers the luminance level in the specific region.

4. (Currently Amended) The ~~display device~~ circuit according to claim 2, wherein said detector detects a luminance level of the ~~inputted~~ received image signal, and when the luminance level of the detected static image in said specific region is lower than said second luminance level, said image processor increases the luminance level in the specific region.

5. (Currently Amended) The ~~display device~~ circuit according to claim 1, wherein said image processor ~~means~~ changes the luminance level of the image in said specific region when a static image which remains unchanged for a time longer than a predetermined time is ~~inputted~~ received.

6. (Currently Amended) The ~~display device~~ circuit according to claim 1, further comprising: a storage which stores data to be used for the change of the luminance level by said image processor.

7. (Currently Amended) The ~~display device~~ circuit according to claim 1, wherein said specific region is one of ~~the~~ a plurality of regions around four corners of a displayed image.

8. (Currently Amended) The ~~display device~~ circuit according to claim 1, wherein said image processor also changes the luminance level of the image ~~also~~ in a specific region other than the specific region in which the static image is detected by said detector.

9. (Cancelled)

10. (Currently Amended) The ~~display device~~ circuit according to claim 1, wherein said image processor gradually increases said amount of change in luminance level in accordance with the passage of time.

11. (Currently Amended) A circuit for a display device for displaying images by the use of light emission of phosphors, comprising:

an input terminal which ~~inputs~~ receives an image signal;

a detector which detects whether or not a static image is contained in a specific ~~regions~~ region of an image in the received image signal ~~inputted by said input terminal~~; and

an image processor which changes a luminance level of the image signal so that ~~the~~ luminance level in ~~the~~ a part of the image which will appear close to ~~the~~ an outer edge of ~~the~~ a display screen is ~~more largely~~ changed more than ~~the~~ a part of the image which will appear around the center of the display screen across the entire display screen when the static image is detected by said detector.

12. (Currently Amended) The ~~display device~~ circuit according to claim 11, wherein said detector detects a luminance level of the inputted image signal, and detects the static image with a luminance level higher than a predetermined first luminance level or lower than a predetermined second luminance level.

13. (Cancelled)

14. (Currently Amended) The display device according to claim 4 21, wherein said display device ~~is~~ screen comprises either of the PDP and the FED.

15. (Currently Amended) The display device according to claim 2 22, wherein said display device ~~is~~ screen comprises either of the PDP and the FED.

Claims 16-20 (Cancelled)

21. (New) A display device, comprising:
a display screen for displaying images by light emission of phosphors;
an input terminal for receiving an image signal;
a detector for detecting whether or not a static image is contained in a specific region of
an image in the received image signal; and
an image processor for changing a luminance level of the image in said specific region
when the static image is detected by said detector to produce an image signal for driving the
display screen, wherein luminance level of a part of said specific region which will appear close
to the edge of the display screen is changed more than a change in luminance level of a part of
said specific region which will appear close to the center of the display screen.

22. (New) A display device comprising:

- a display screen for displaying images by light emission of phosphors;
- an input terminal for receiving an image signal;
- a detector for detecting whether or not a static image is contained in a specific region of an image in the received image signal; and
- an image processor which changes a luminance level of the image in said specific region when the static image is detected by said detector to produce an image signal for driving the display screen, wherein luminance level of a part of said specific region which will appear close to the edge of the display screen is changed more than a change in luminance level of a part of said specific region which will appear close to the center of the display screen across the entire display screen, when the detector detects the static image.

23. (New) A method of displaying images on a display screen, comprising:

- receiving an image signal;
- detecting a static image in a specific region of an image represented by the image signal;
- changing a luminance level of a portion of the received image signal corresponding to the specific region of the image; and
- displaying the image responsive to the signal with the changed luminance level in the portion corresponding to said specific region,
- wherein luminance level of a part of said specific region which will appear close to the edge of a display screen is changed more than a change in luminance level of a part of said specific region which will appear close to the center of the display screen.

24. (New) A method of displaying images on a display screen, comprising:

- receiving an image signal;
- detecting a static image in a specific region of an image represented by the image signal;
- changing a luminance level of the received image signal so that luminance level in a part of the image which will appear close to an outer edge of a display screen is changed more than a part of the image which will appear around the center of the display screen across the entire display screen, when the static image is detected; and
- displaying an image with the changed luminance level on the display screen.